

Data Path : Z:\HPCHEM1\BNA_L\DATA\BL062111\
 Data File : BL000319.D
 Acq On : 21 Jun 2011 19:03
 Operator : HLM/JCSA
 Sample : C2622-02
 Misc : SOIL BNA_L HLM
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 05:25:06 2011
 Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL060911.M
 Quant Title : SW-846 Method 8270
 QLast Update : Wed Jun 22 15:00:59 2011
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.86	152	859739	40.00	ug/ml	0.00
22) Naphthalene-d8	12.17	136	2252993	40.00	ug/ml	-0.01
39) Acenaphthene-d10	15.41	164	937366	40.00	ug/ml	-0.01
62) Phenanthrene-d10	18.19	188	1043854	40.00	ug/ml	-0.01
78) Chrysene-d12	21.79	240	468588	40.00	ug/ml	-0.01
86) Perylene-d12	23.87	264	338051	40.00	ug/ml	-0.01

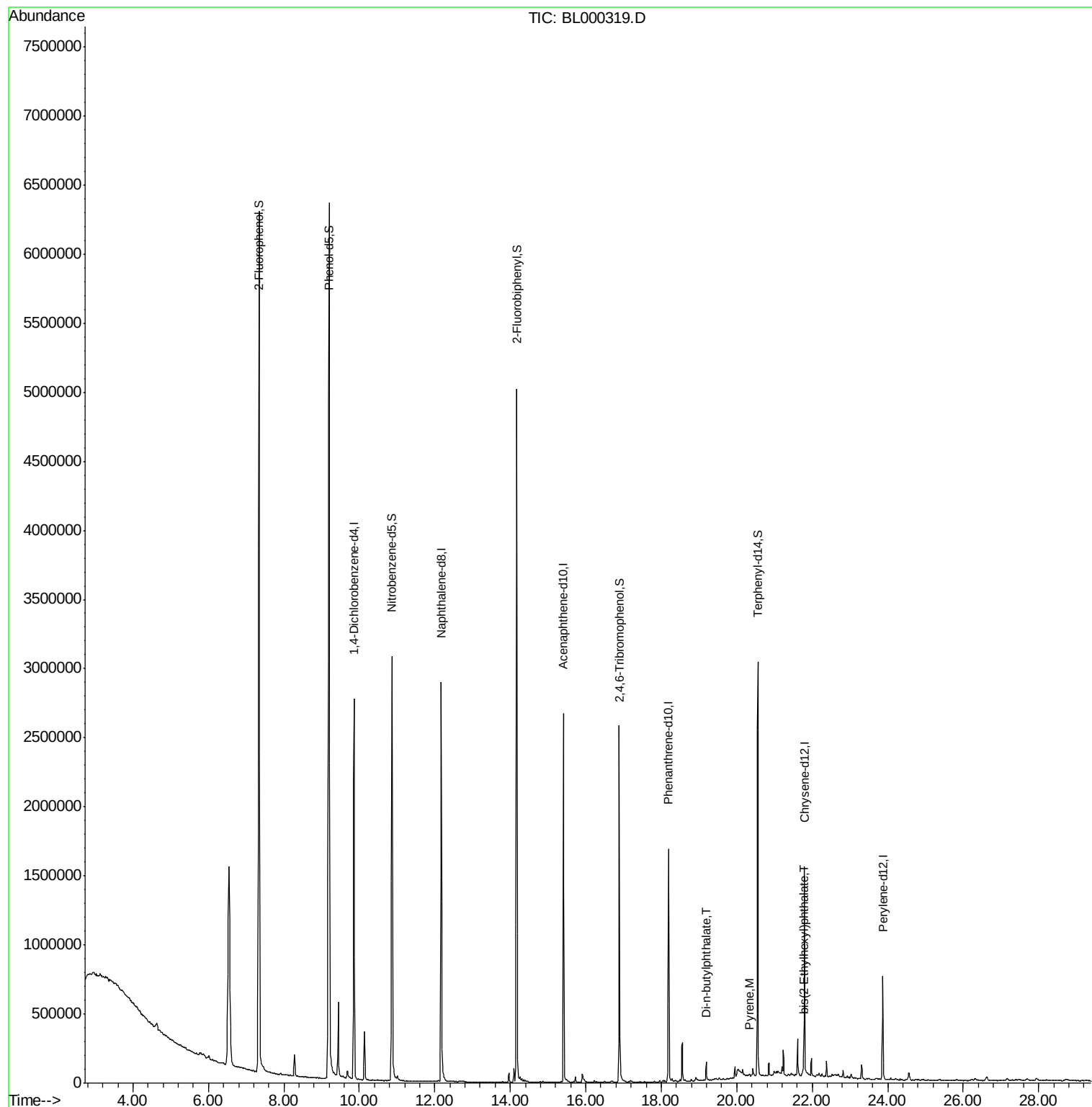
System Monitoring Compounds						
5) 2-Fluorophenol	7.35	112	4733415	146.84	ug/ml	0.03
Spiked Amount	200.000	Range	35 - 105	Recovery	=	73.42%
9) Phenol-d5	9.20	99	5417400	136.60	ug/ml	0.00
Spiked Amount	200.000	Range	40 - 100	Recovery	=	68.30%
23) Nitrobenzene-d5	10.86	82	2059694	92.29	ug/ml	-0.01
Spiked Amount	100.000	Range	35 - 100	Recovery	=	92.29%
43) 2-Fluorobiphenyl	14.17	172	2743959	89.78	ug/ml	0.00
Spiked Amount	100.000	Range	45 - 105	Recovery	=	89.78%
61) 2,4,6-Tribromophenol	16.90	330	503113	167.49	ug/ml	0.00
Spiked Amount	200.000	Range	35 - 125	Recovery	=	83.75%
80) Terphenyl-d14	20.56	244	1138220	138.70	ug/ml	0.01
Spiked Amount	100.000	Range	30 - 125	Recovery	=	138.70%#

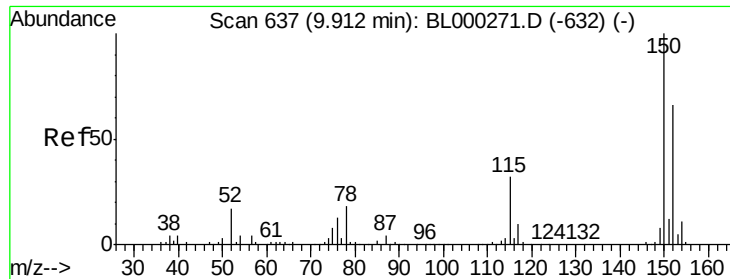
Target Compounds						Qvalue
76) Di-n-butylphthalate	19.19	149	114007	2.99	ug/ml	98
79) Pyrene	20.34	202	4640	1.61	ug/ml#	72
85) bis(2-Ethylhexyl)phthalate	21.77	149	54836	2.95	ug/ml	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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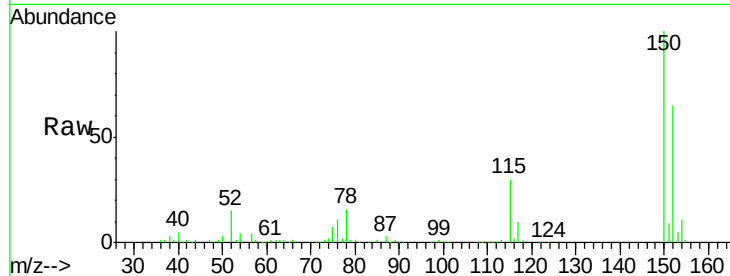




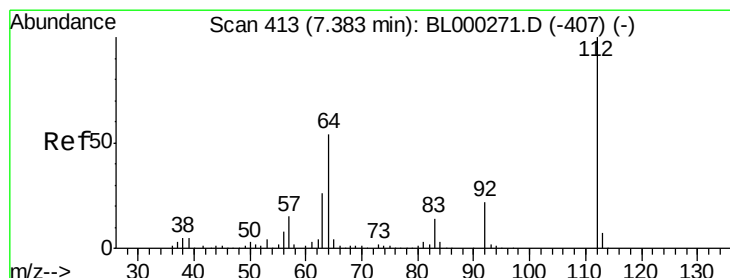
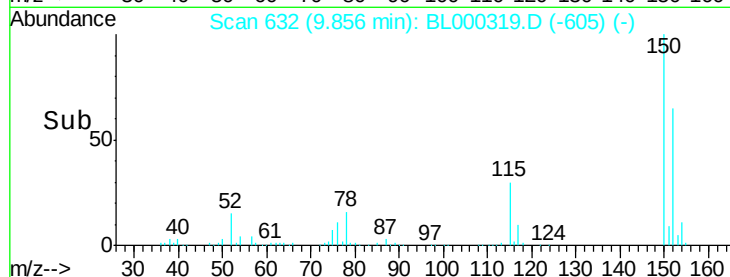
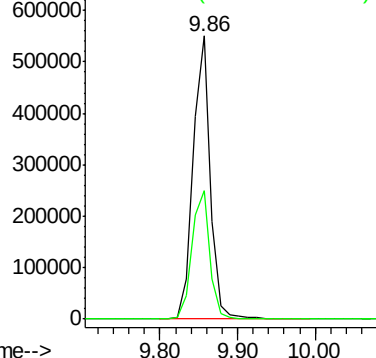
#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ug/ml
RT: 9.86 min Scan# 632
Delta R.T. -0.00 min
Lab File: BL000319.D
Acq: 21 Jun 2011 19:03

Tgt Ion:152 Resp: 859739
Ion Ratio Lower Upper
152 100
115 45.3 27.0 67.0



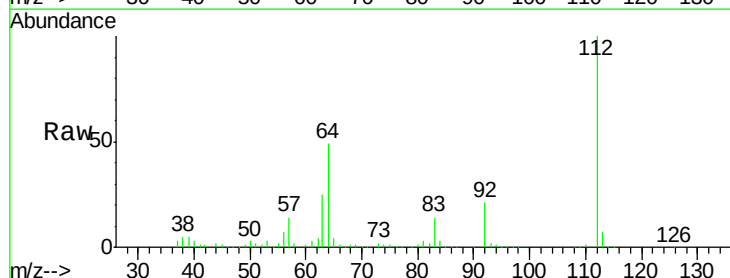
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 115.00 (114.70 to 115.70): E



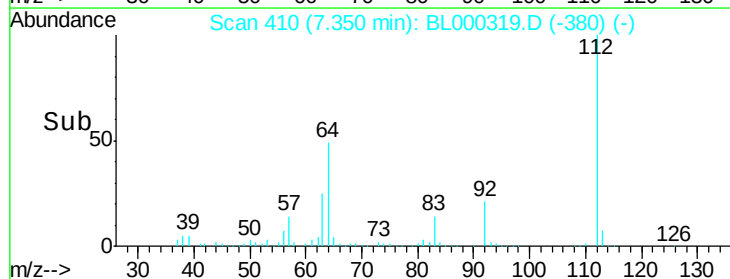
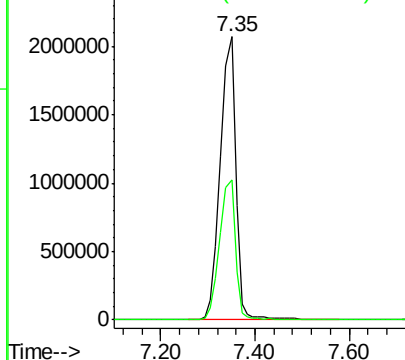
#5

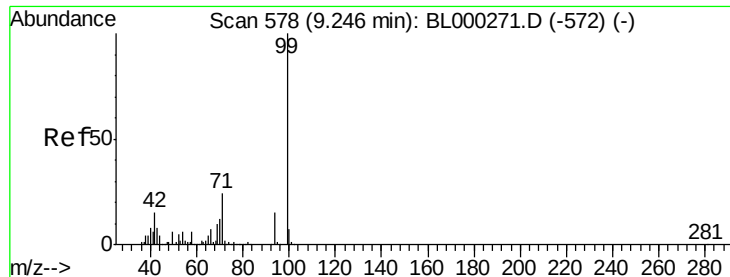
2-Fluorophenol
Concen: 146.84 ug/ml
RT: 7.35 min Scan# 410
Delta R.T. 0.03 min
Lab File: BL000319.D
Acq: 21 Jun 2011 19:03

Tgt Ion:112 Resp: 4733415
Ion Ratio Lower Upper
112 100
64 49.3 32.8 72.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BL0





#9

Phenol-d5

Concen: 136.60 ug/ml

RT: 9.20 min Scan# 574

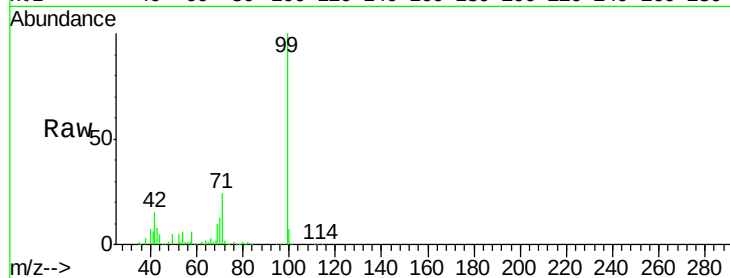
Delta R.T. -0.00 min

Lab File: BL000319.D

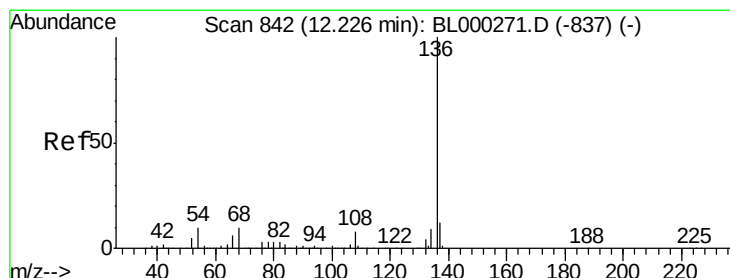
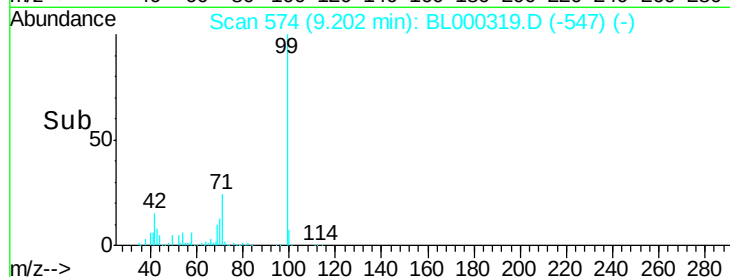
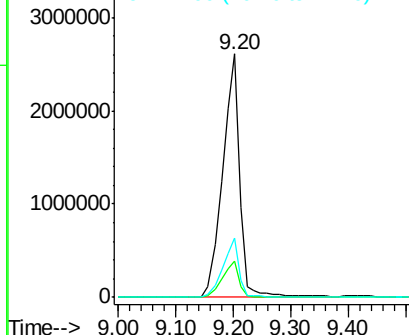
Acq: 21 Jun 2011 19:03

Tgt Ion: 99 Resp: 5417400

Ion	Ratio	Lower	Upper
99	100		
42	15.0	0.0	35.6
71	24.1	3.6	43.6



Abundance Ion 99.00 (98.70 to 99.70): BL0
 Ion 42.00 (41.70 to 42.70): BL0
 Ion 71.00 (70.70 to 71.70): BL0



#22

Naphthalene-d8

Concen: 40.00 ug/ml

RT: 12.17 min Scan# 837

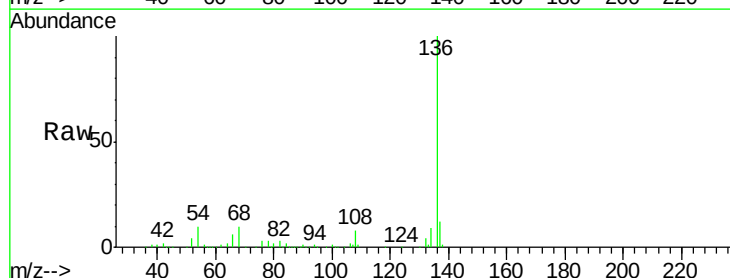
Delta R.T. -0.01 min

Lab File: BL000319.D

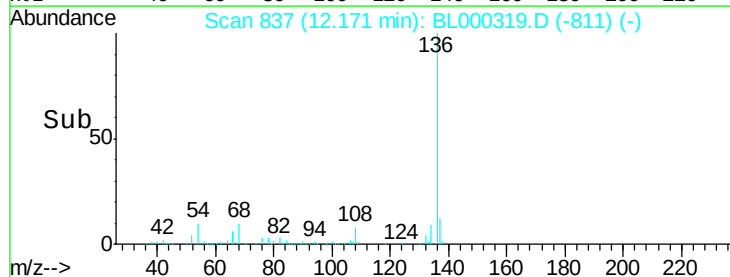
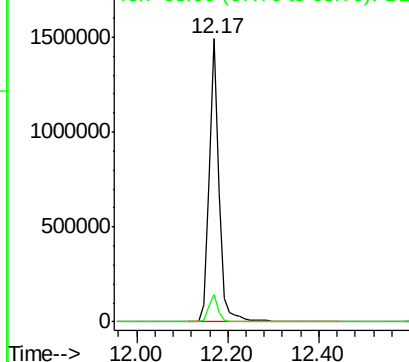
Acq: 21 Jun 2011 19:03

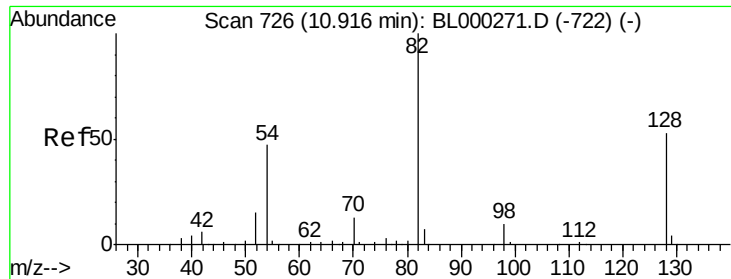
Tgt Ion: 136 Resp: 2252993

Ion	Ratio	Lower	Upper
136	100		
68	9.7	0.0	29.0



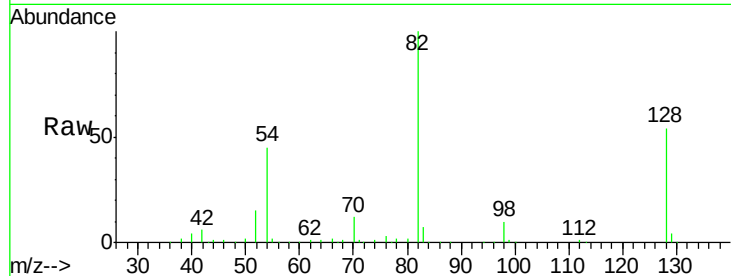
Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 68.00 (67.70 to 68.70): BL0



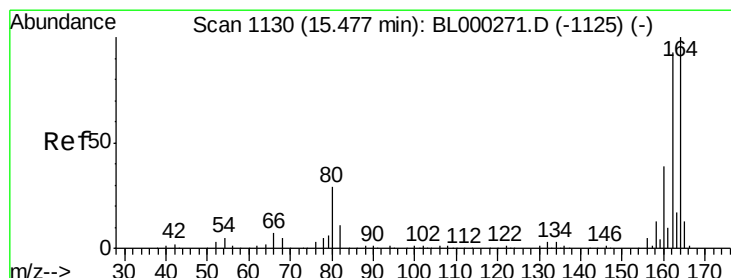
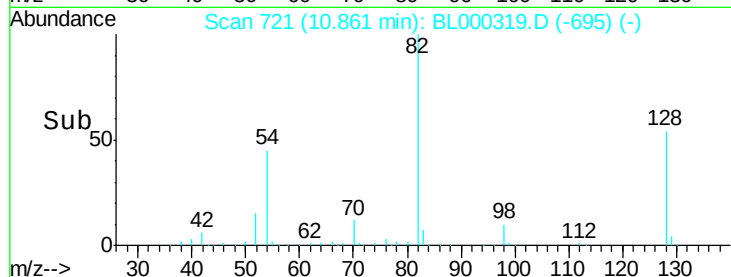
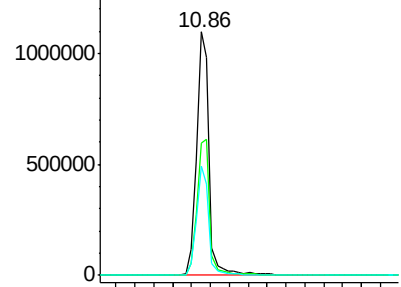


#23
 Nitrobenzene-d5
 Concen: 92.29 ug/ml
 RT: 10.86 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

Tgt Ion: 82 Resp: 2059694
 Ion Ratio Lower Upper
 82 100
 128 54.3 36.8 76.8
 54 44.9 24.1 64.1

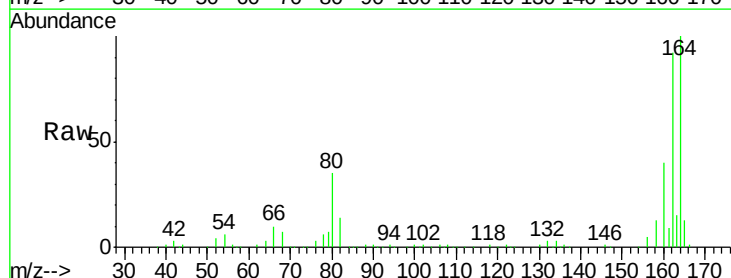


Abundance Ion 82.00 (81.70 to 82.70): BL0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BL0

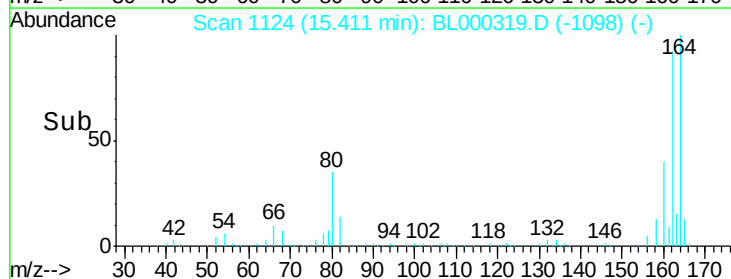
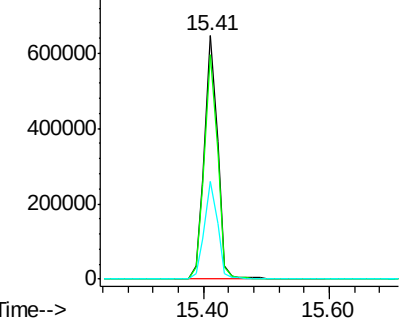


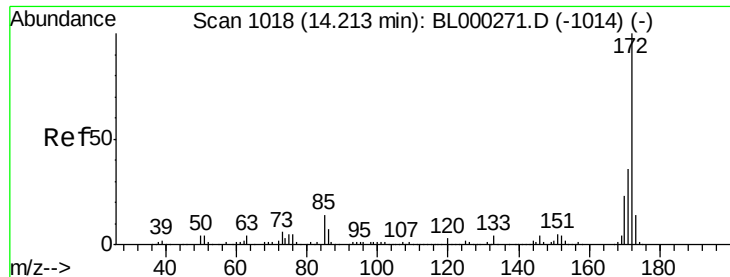
#39
 Acenaphthene-d10
 Concen: 40.00 ug/ml
 RT: 15.41 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

Tgt Ion: 164 Resp: 937366
 Ion Ratio Lower Upper
 164 100
 162 92.2 72.4 112.4
 160 40.3 19.7 59.7



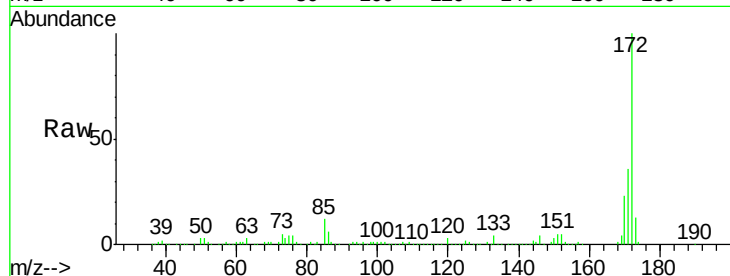
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



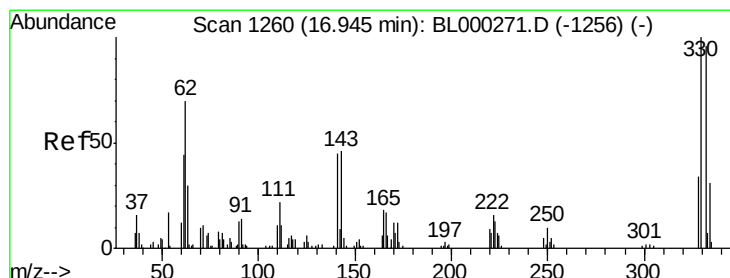
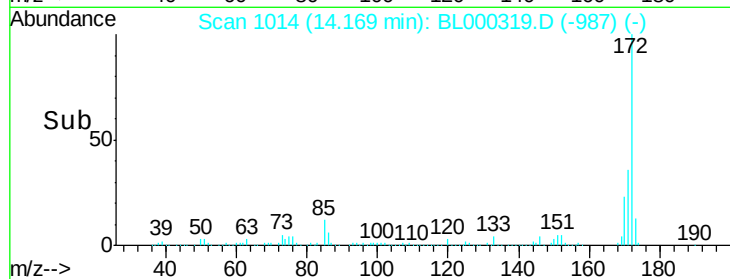
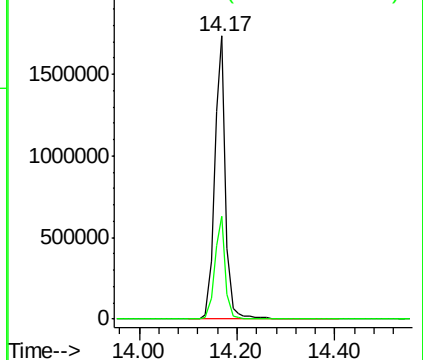


#43
 2-Fluorobiphenyl
 Concen: 89.78 ug/ml
 RT: 14.17 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

Tgt Ion:172 Resp: 2743959
 Ion Ratio Lower Upper
 172 100
 171 36.2 16.0 56.0

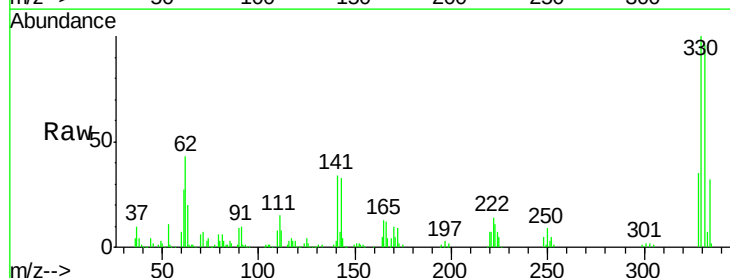


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E

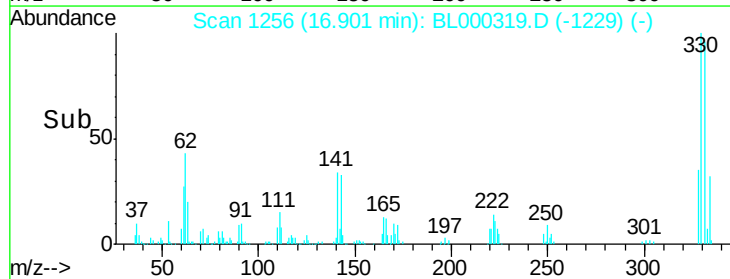
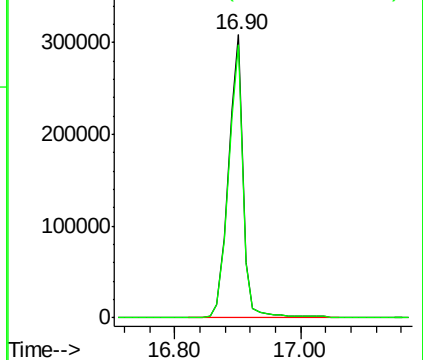


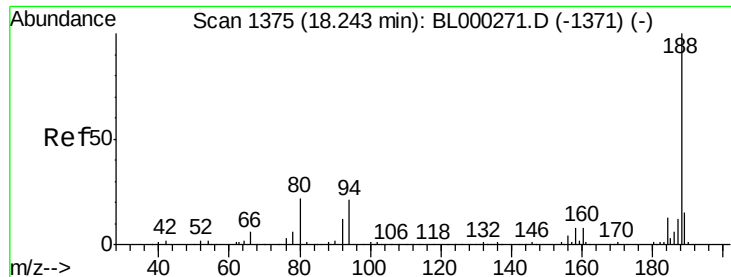
#61
 2,4,6-Tribromophenol
 Concen: 167.49 ug/ml
 RT: 16.90 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

Tgt Ion:330 Resp: 503113
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5



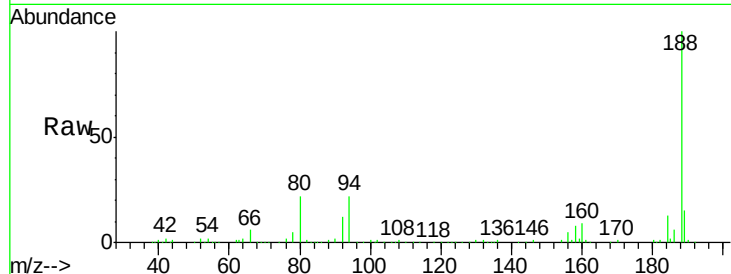
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E



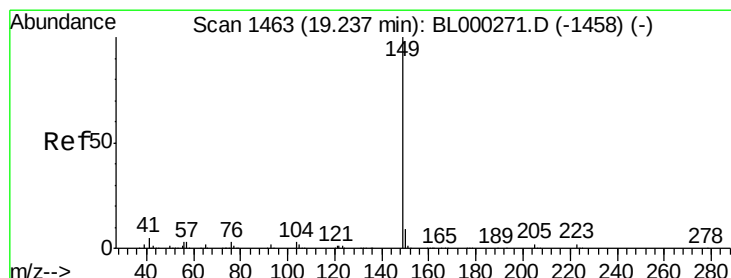
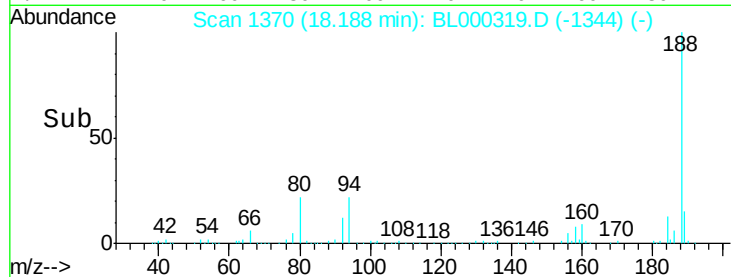
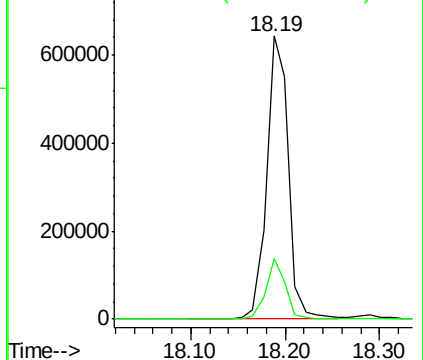


#62
 Phenanthrene-d10
 Concen: 40.00 ug/ml
 RT: 18.19 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

Tgt Ion:188 Resp: 1043854
 Ion Ratio Lower Upper
 188 100
 94 21.6 0.0 39.3

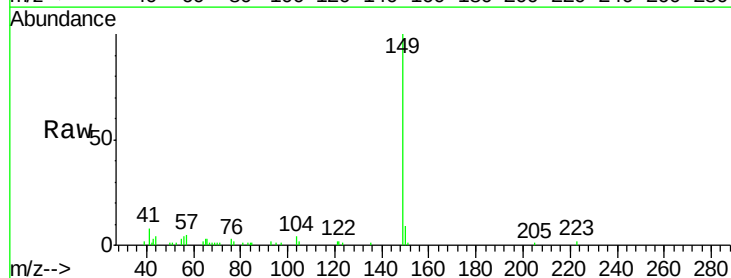


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BL0

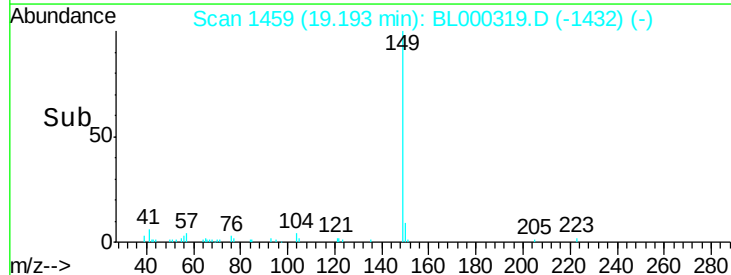
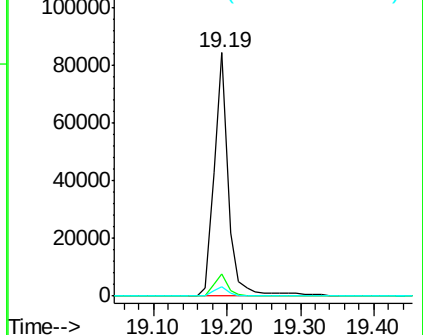


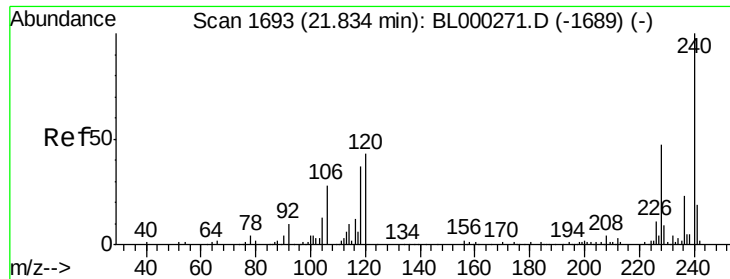
#76
 Di-n-butylphthalate
 Concen: 2.99 ug/ml
 RT: 19.19 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

Tgt Ion:149 Resp: 114007
 Ion Ratio Lower Upper
 149 100
 150 8.9 0.0 29.8
 104 3.6 0.0 24.0



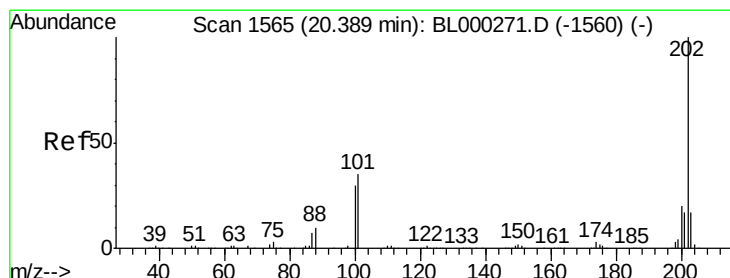
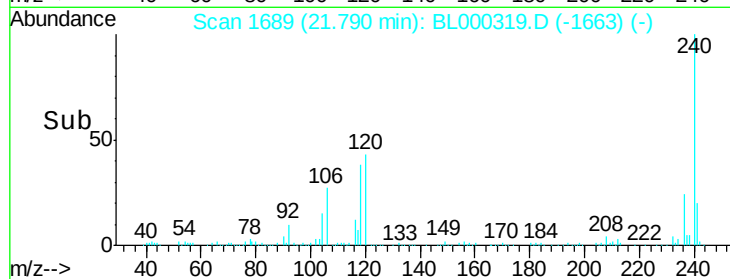
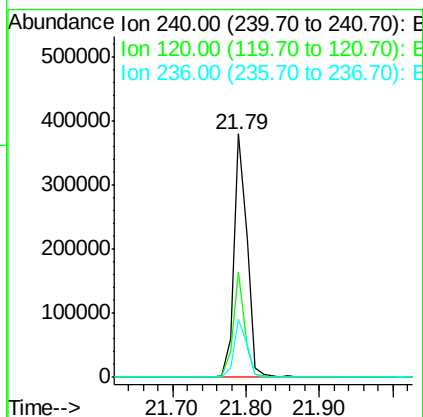
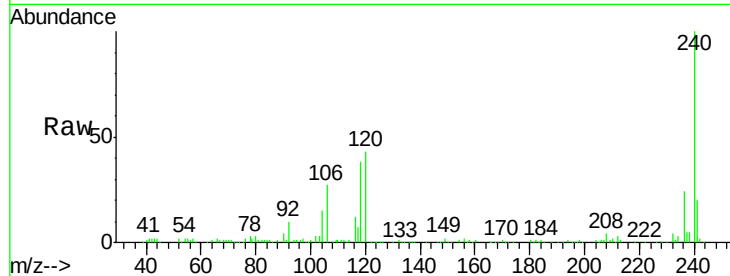
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





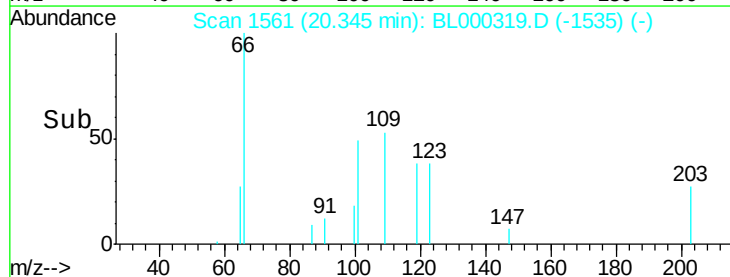
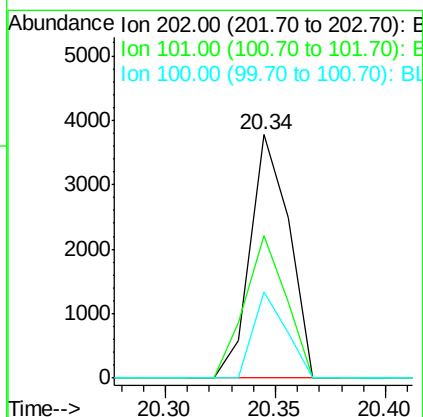
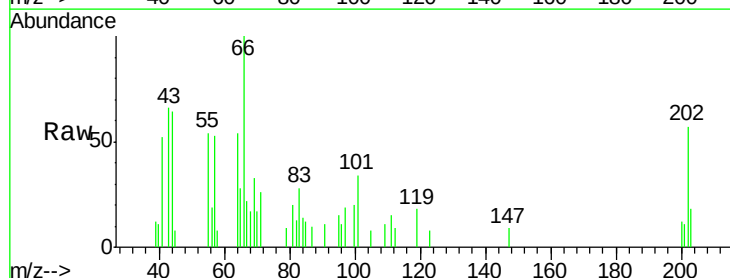
#78
 Chrysene-d12
 Concen: 40.00 ug/ml
 RT: 21.79 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

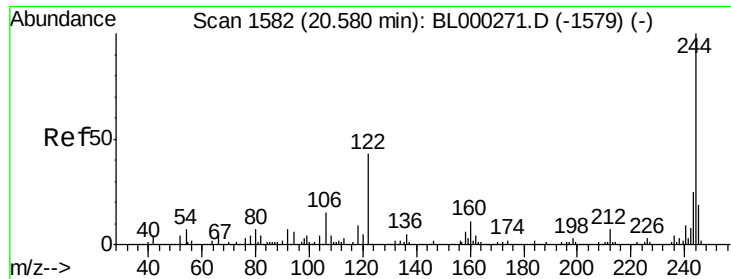
Tgt Ion: 240 Resp: 468588
 Ion Ratio Lower Upper
 240 100
 120 43.3 16.3 56.3
 236 23.7 3.9 43.9



#79
 Pyrene
 Concen: 1.61 ug/ml
 RT: 20.34 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

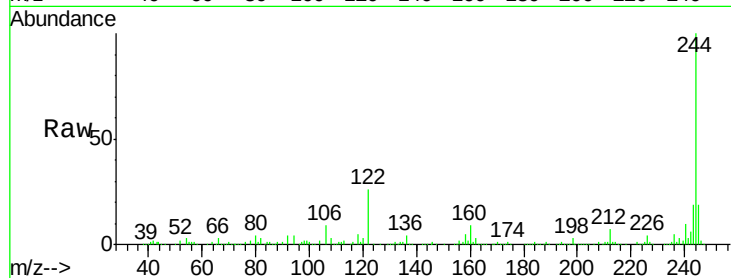
Tgt Ion: 202 Resp: 4640
 Ion Ratio Lower Upper
 202 100
 101 58.7 14.4 54.4#
 100 35.5 9.0 49.0



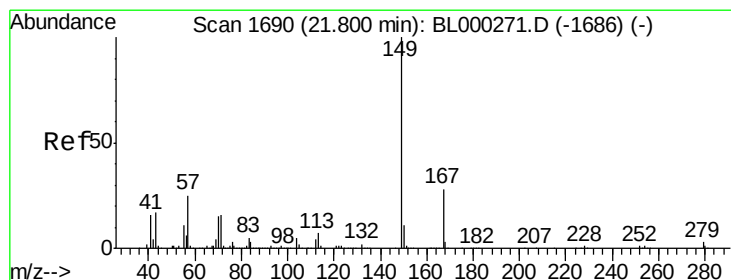
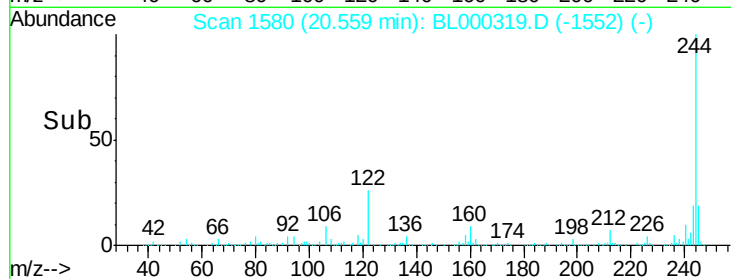
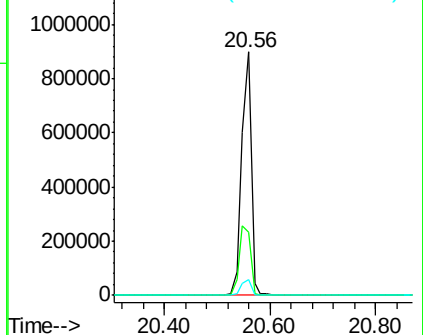


#80
 Terphenyl-d14
 Concen: 138.70 ug/ml
 RT: 20.56 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

Tgt Ion:244 Resp: 1138220
 Ion Ratio Lower Upper
 244 100
 122 26.0 18.3 58.3
 212 6.6 0.0 27.0

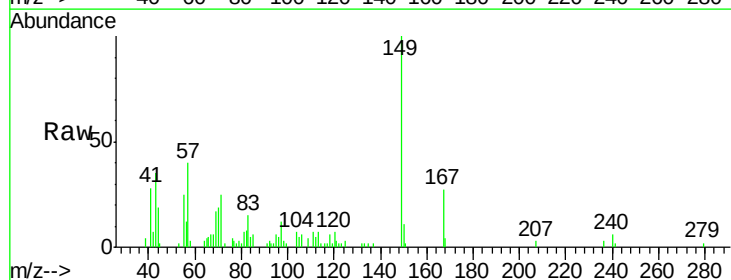


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 122.00 (121.70 to 122.70): E
 Ion 212.00 (211.70 to 212.70): E

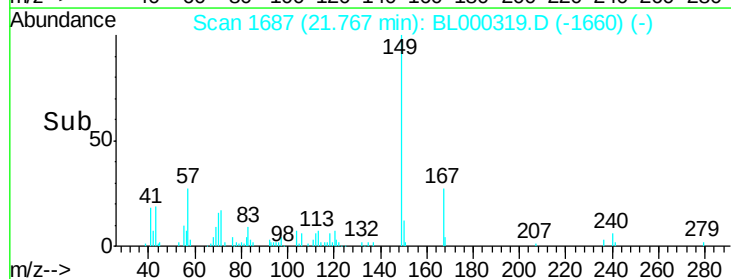
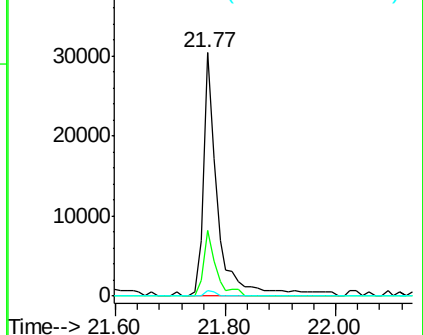


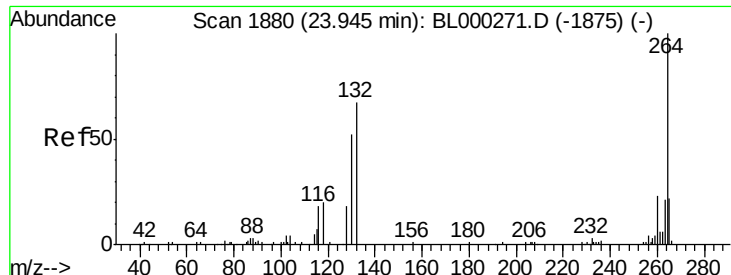
#85
 bis(2-Ethylhexyl)phthalate
 Concen: 2.95 ug/ml
 RT: 21.77 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BL000319.D
 Acq: 21 Jun 2011 19:03

Tgt Ion:149 Resp: 54836
 Ion Ratio Lower Upper
 149 100
 167 27.0 9.3 49.3
 279 2.2 0.0 23.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 40.00 ug/ml
RT: 23.87 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BL000319.D
Acq: 21 Jun 2011 19:03

Tgt Ion:	264	Resp:	338051
Ion Ratio	Lower	Upper	
264	100		
260	21.0	2.7	42.7
265	21.4	0.6	40.6

